

Tracking Progress Toward Chronic Disease-Related Healthy People 2010 Objectives: San Bernardino County, 1993-2003

In November 2000, the U.S. Department of Health and Human Services released *Healthy People 2010: Understanding and Improving Health*. *Healthy People 2010* is designed to serve as a roadmap for improving the health of all people in the United States during the first decade of the 21st century.

The two main goals of *Healthy People 2010* are to increase quality and years of healthy life and to eliminate health disparities. Progress in achieving these goals is being monitored through 467 objectives in 28 focus areas, including cancer, heart disease and stroke, and respiratory diseases. Each objective has a target for specific improvements to be achieved by the year 2010. The following table provides targets and operational definitions for selected chronic disease-related *Healthy People 2010* objectives.

Selected Chronic Disease-Related Healthy People 2010 Objectives and Operational Definitions

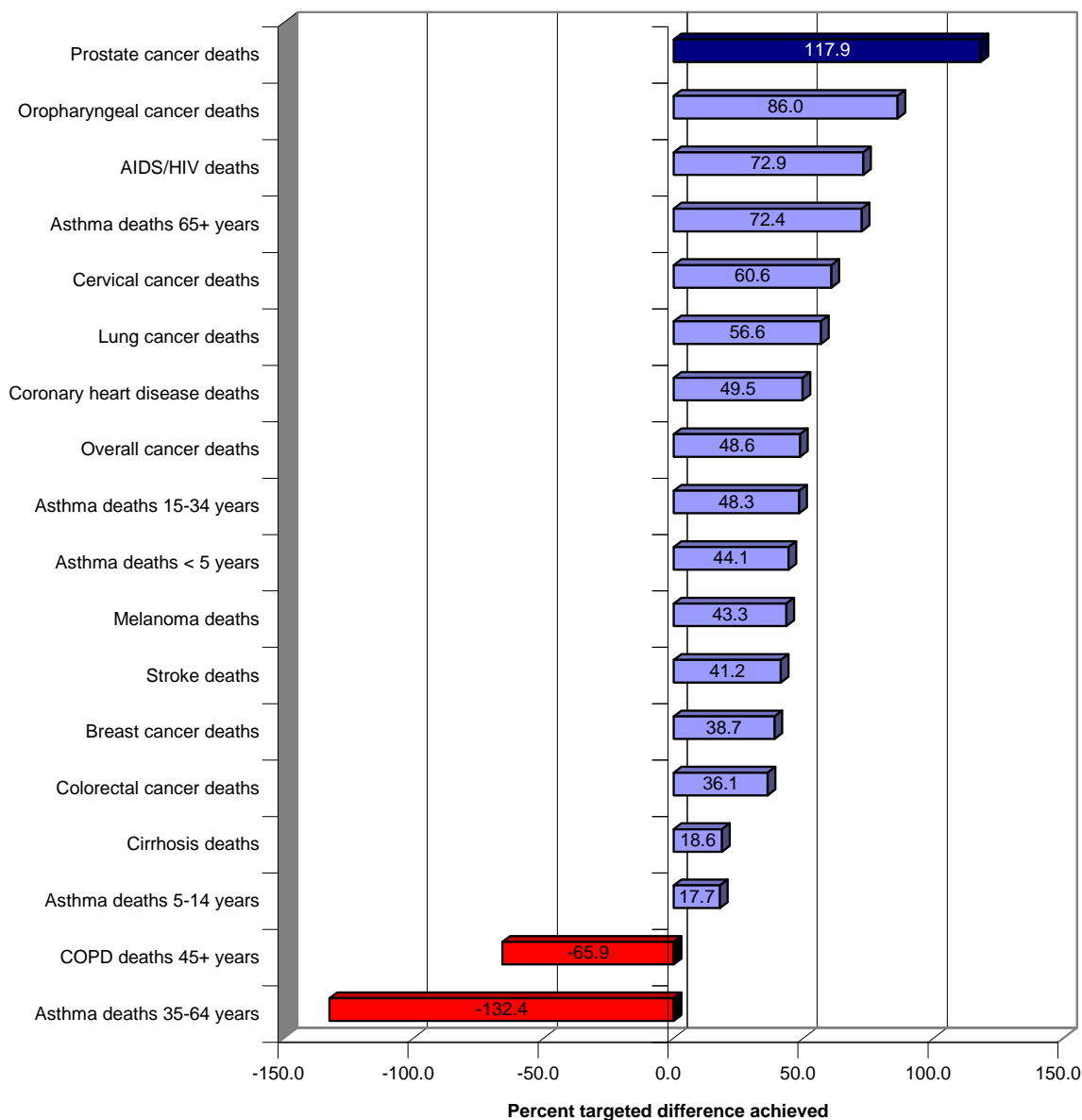
Objective: Reduce...	Measure	ICD-9 Code	ICD-10 Code
Asthma deaths among			
Children under age 5 years	1 per 1 million population	493	J45-J46
Children aged 5 to 14 years	1 per 1 million population	493	J45-J46
Adolescents and adults aged 15 to 34 years	2 per 1 million population	493	J45-J46
Adults aged 35 to 64 years	9 per 1 million population	493	J45-J46
Adults aged 65 years and older	60 per 1 million population	493	J45-J46
Breast cancer death rate	22.3 per 100,000 age-adjusted female population	174	C50
Cervical cancer death rate	2 per 100,000 age-adjusted female population	180	C53
Cirrhosis deaths	3 per 100,000 age-adjusted population	571	K70, K73-K74
Colorectal cancer death rate	13.9 per 100,000 age-adjusted population	153-154	C18-C21
Deaths from chronic obstructive pulmonary disease (COPD) among adults	60 per 100,000 age-adjusted population 45+ years	490-496	J40-J47
Coronary heart disease deaths	166 per 100,000 age-adjusted population	402, 410-414, 429.2	I11, I20-I25
Deaths from HIV infection	0.7 per 100,000 age-adjusted population	042-044	B20-B24
Lung cancer death rate	44.9 per 100,000 age-adjusted population	162	C33-C34
Rate of melanoma cancer deaths	2.5 per 100,000 age-adjusted population	172	C43
Oropharyngeal cancer death rate	2.7 per 100,000 age-adjusted population	140-149	C00-C14
Overall cancer death rate	159.9 per 100,000 age-adjusted population	140-208	C00-C97
Prostate cancer death rate	28.8 per 100,000 age-adjusted male population	185	C61
Stroke deaths	48 per 100,000 age-adjusted population	430-438	I60-I69

Note: ICD-9 codes were used to code cause of death in years prior to 1999. The use of ICD-10 codes for cause of death began in 1999.

The chart on the next page shows the progress that San Bernardino County has made toward achieving the objectives outlined in the table above. Progress from 1993 to 2003 was measured for each objective by

1. computing the difference between the baseline value for the objective (1993) and the target value for the year 2010;
2. computing the difference between the baseline value and the annual value for 2003;
3. dividing the second difference by the first to determine the percent of the targeted difference that has been achieved.

For example, the baseline age-adjusted prostate cancer death rate in 1993 was 40.5 deaths per 100,000 male population, the rate in 2003 was 26.7, and the age-adjusted target for the year 2010 is 28.8. In this case, the target (28.8) has been surpassed, and almost 118 percent of the targeted difference had been achieved in 2003.



While the objective to reduce prostate cancer deaths was the only one met by 2003, progress has been made toward achieving all but two of the objectives defined previously. Over 50 percent of the targeted difference has been achieved for oropharyngeal cancer deaths, AIDS/HIV deaths, asthma deaths among adults aged 65 and older, and cervical and lung cancer deaths. Progress had also been made toward reducing deaths due to coronary heart disease, stroke, breast cancer, colorectal cancer, melanoma, cirrhosis, all malignant cancers combined, and asthma among residents under age 35.

The two objectives for which San Bernardino County has made no progress are asthma deaths among adults aged 35-64 years and COPD deaths among adults aged 45 and older. Rates for these causes of death worsened from 1993 to 2003. This finding suggests the need for more COPD and asthma education among the adult population in the county.

Sources: 1) U.S. Department of Health and Human Services. *Healthy People 2010: Understanding and Improving Health*. 2nd ed. Washington, DC: U.S. Government Printing Office, November 2000.
 2) State of California, Department of Health Services, Death Files.
 3) State of California, Department of Finance, *Race/Ethnic Population with Age and Sex Detail, 2000–2050*. Sacramento, CA, May 2004.

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